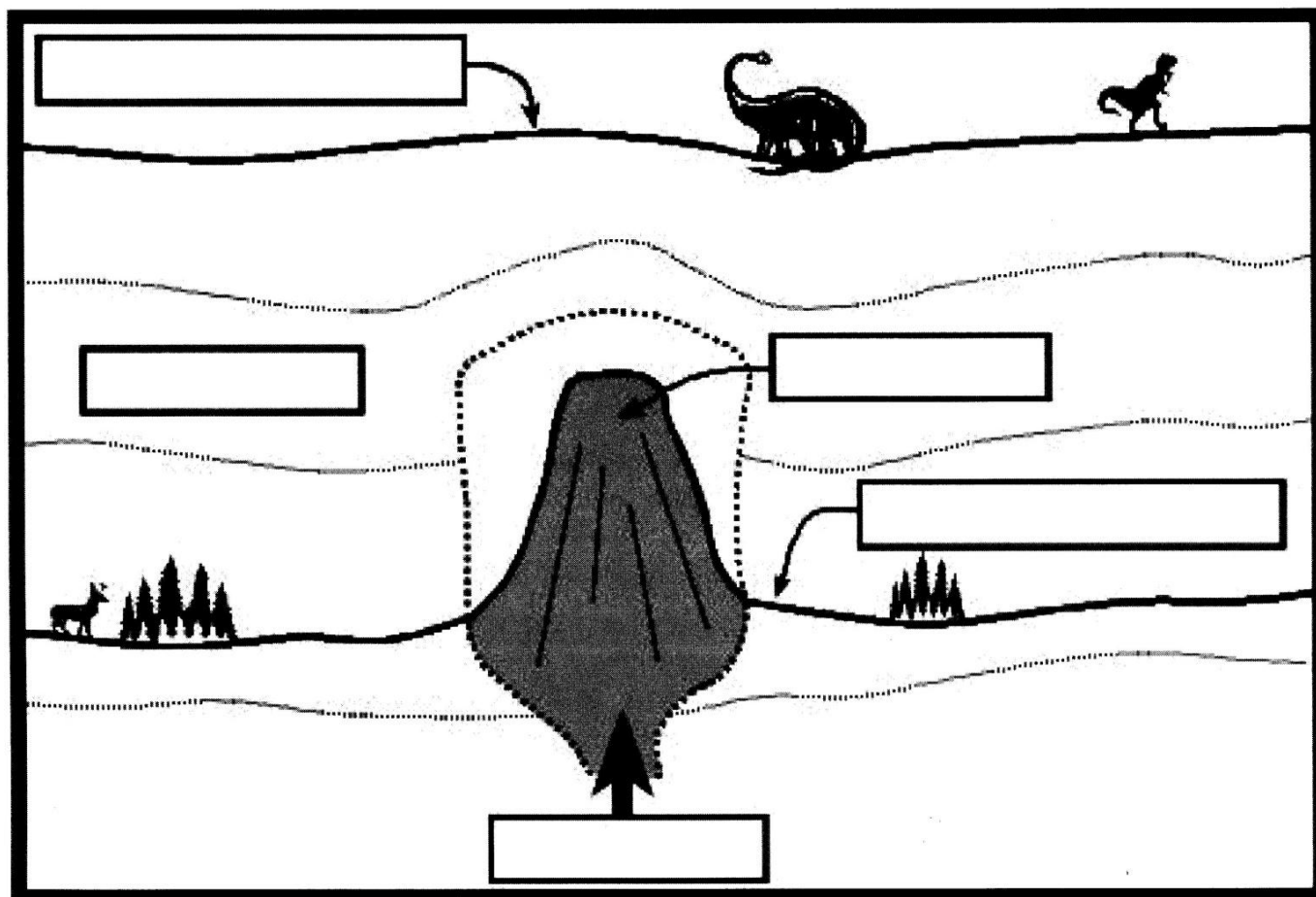




3-8 A Walk in Time

The Tower formed almost 50 million years ago. **Magma** (hot liquid rock) moved up from deep underground. It squeezed through soft rock layers of **Sandstone** and shale. If this magma had reached the **Old Land Surface** it would have formed a volcano and erupted lava. Instead, it cooled and hardened underground, forming a hard crystalline rock named **Phonolite**. During the last five million years, water and wind broke down and carried away some of the softer rock layers leaving the harder phonolite in the shape of the Tower. Today, the Tower stands high above the **Land Surface**.



Find the words in **bold** from the paragraph above. Use these words to correctly label the boxes in the geology drawing.